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Attention: Examiner: Charles R. Craver

Supervisory Examiner: Vivian Chin

UNITED STATES PATENT AND TRADEMARK
OFFICE

Examiner: Charles R. Craver

Supervisory Examiner: Vivian Chin

Pages: Cover + 5 = 6

Certificate of Transmission

From: Georgann S. Grunebach, Reg. No. 33,179

A handwritten signature in black ink, appearing to read 'Georgann S. Grunebach', written over the printed name.
Assistant General Counsel, DIRECTV, Inc.Fax: (703) 872-⁹³⁰⁶~~9314~~

Phone: (703) 305-3965

Alt: (703) 308-6739

Date: March 28, 2005

Fax: (310) 964-0941

Phone: (310) 964-4615

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Attention: Mail Stop Amendment

Please find attached Re: 09/584,012

> Response to PTO Communication of December 28, 2004

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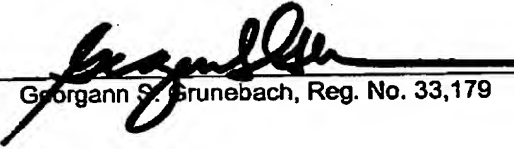
If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DIRECTV Group, Inc. - RE / R11 / A109, P.O. Box 956 - 2250 E. Imperial Highway, El Segundo, CA 90245-0956

MAR 28 2005

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to 703-872-9306 (Official Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on March 28, 2005 (date of facsimile transmission) by Georgann S. Grunebach, Registration No. 33,179 (Name of Registered Representative)


Georgann S. Grunebach, Reg. No. 33,179

(Signature)

March 28, 2005 (Date of Signature)**Customer No. 020991**PATENT
Docket No. PD-200031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: March 28, 2005

Ming U. Chang, et al.

Serial No.: 09/584,012

Group Art Unit: 2682

Filed: 05/30/2000

Examiner: Craver, Charles R.

For: MULTI-NODE WIRELESS COMMUNICATION SYSTEM WITH
MULTIPLE TRANSPONDING PLATFORMSAMENDMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated December 28, 2004, please enter the following amendments and remarks.